

Fis site III

*Ec* -153 GCTGAAACAATTATTGCCCGTTTACAGCGTTACGGCTTCGAAAC

*Nt* -175 CTCAGCGGTAGACTGTACACCTTGACGTGGTGGAAAGTCATCAGTTCGA

Fis site II

*Ec* -109 GCTCGAAAAAACTGGCAGTTTACGGCTGATTTGGTTGAATGTTGCAC  
*Nt* -128 GCCTGATTATCCCTAGCCCAATGTGAGTTTCTAGTTGGATTTGCTC

Fis site I

*Ec* -109 GCTCGAAAAAACTGGCAGTTTACGGCTGATTTGGTTGAATGTTGCAC  
*Nt* -128 GCCTGATTATCCCTAGCCCAATGTGAGTTTCTAGTTGGATTTGCTC

Up element

*Ec* -63 GGTCAAGAAAATTATTAAATTTCTC

*Nt* -79 CCCCGCCGTCGTTCAATGAGAATGGATAAGAGGCTCGGGGA

"-35"

*Ec* -36 GGCGGGAAAT- AACTCC

*Nt* -37 TGAGGGGGCAGGGATGGC

16bp

18bp

"-10"

18bp

+1

+1

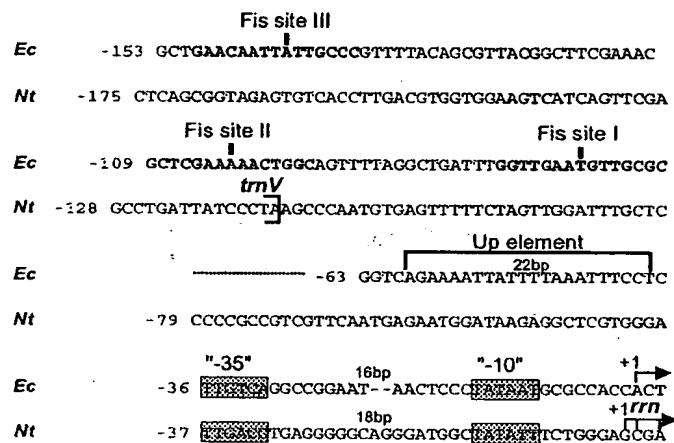


Figure 1

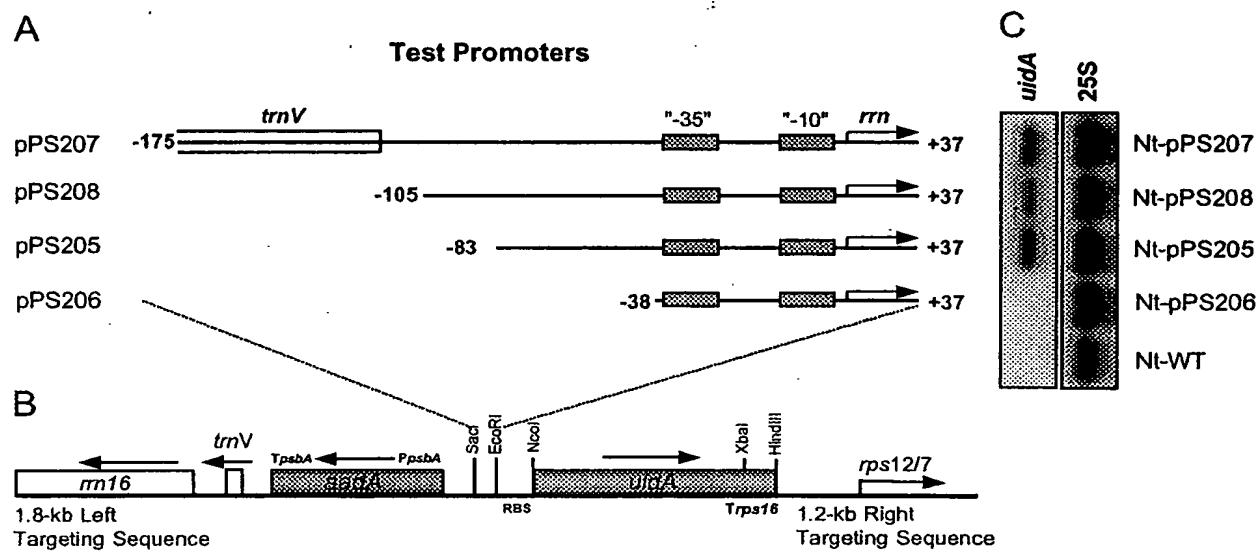
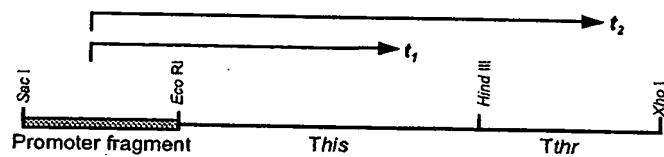
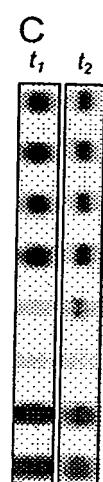
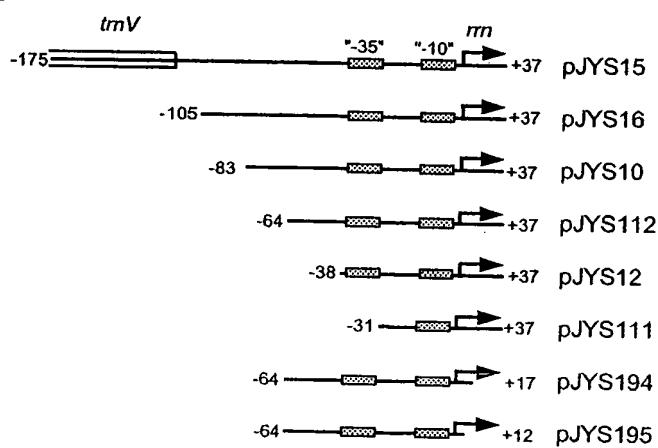


Figure 2

A



B



	Relative Activity
pJYS15	92.7 $\pm$ 11.3
pJYS16	101 $\pm$ 17.6
pJYS10	91.3 $\pm$ 4.30
pJYS112	100
pJYS12	20.1 $\pm$ 3.00
pJYS111	3.90 $\pm$ 2.10
pJYS194	98.5 $\pm$ 4.24
pJYS195	78.8 $\pm$ 5.80

Figure 3

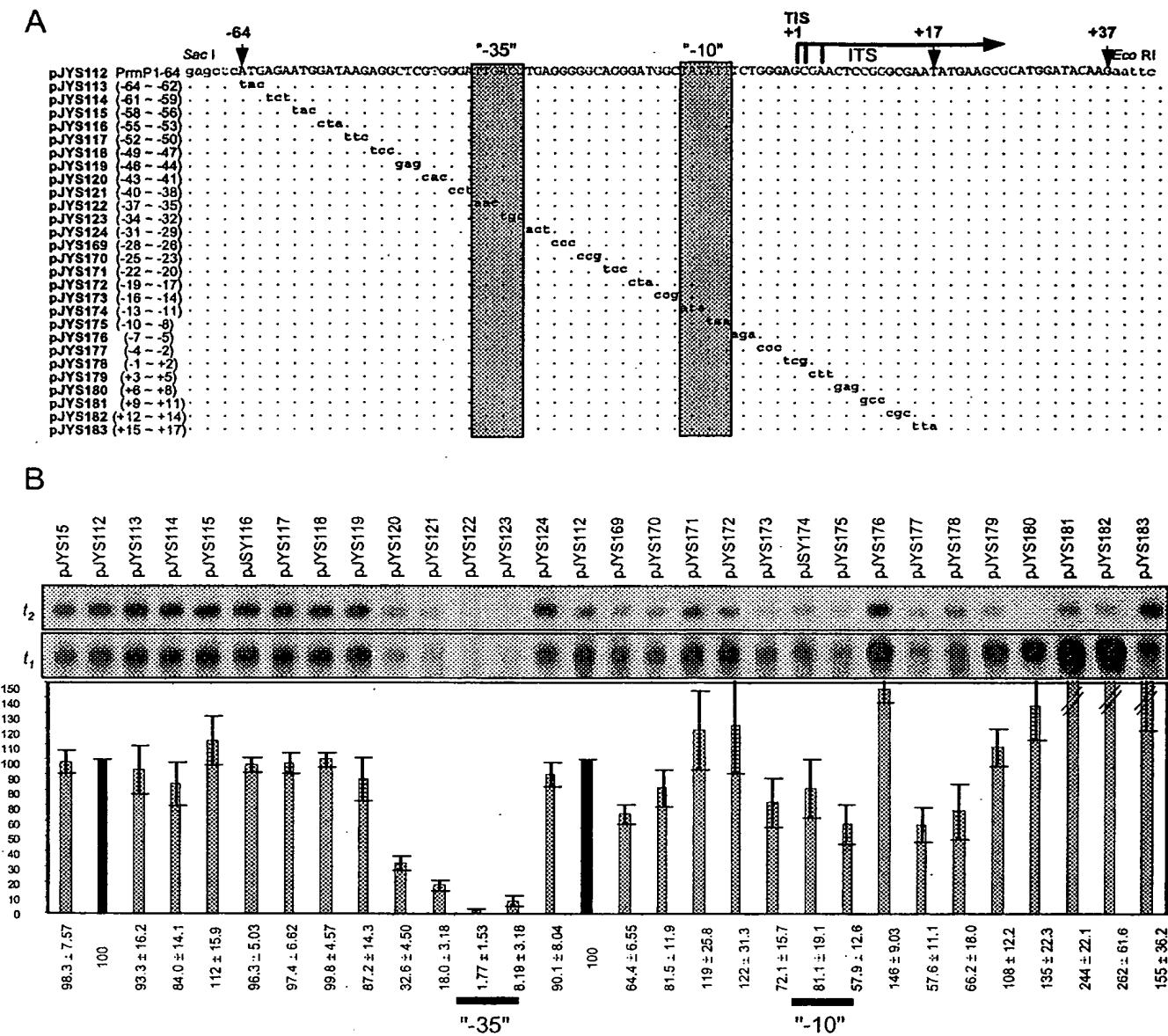
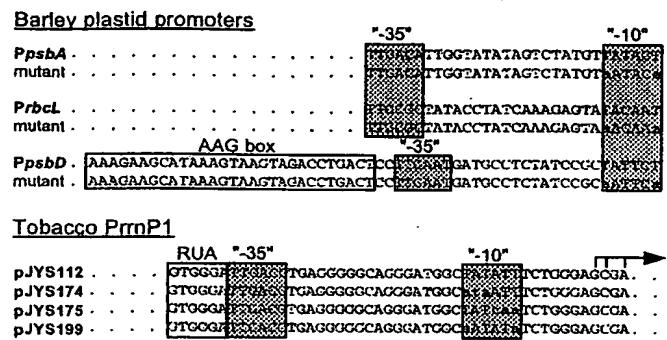


Figure 4

A



B

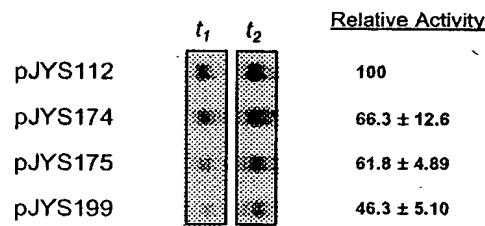
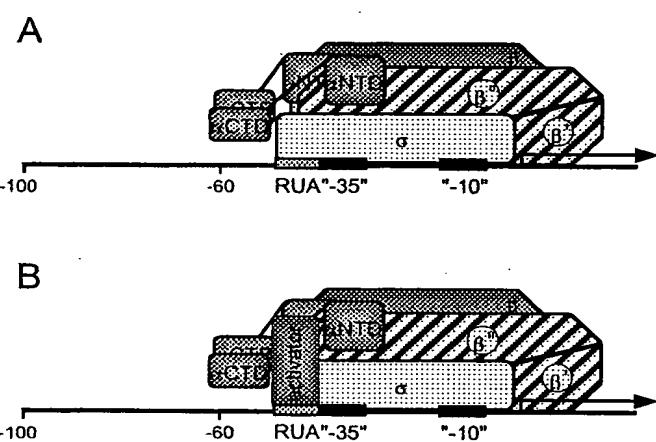


Figure 5



**Figure 6**

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Figure 7

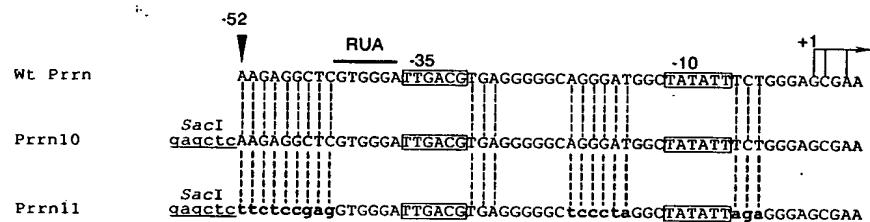


Figure 8